

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-007616**Date Inspected:** 24-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi jiang/SunWei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans Quality Assurance (QA) Inspector, Lonnie Whitehead, was present during the times noted above for observations relative to the work being performed.

**BAY#2**

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 003 located on LD001-033. Welder is identified as 215676. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 003 located on LD001-034. Welder is identified as 045260. ZPMC QC is identified as Wang Liang. The welding variables recorded by QC appeared to comply with the Applicable WPS.

**BAY #3**

This QA inspector observed the following work in progress:

F.C.A.W. welding of weld joint number 046 located on FB010-039. Welder is identified as 044790. ZPMC QC is identified as Shi Lei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 013 located on FB009-039. Welder is identified as 208035. ZPMC QC is identified as Yang Qing Feng. The welding variables recorded by QC appeared to comply with the Applicable WPS.

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## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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BAY#7

This QA Inspector observed the following work in progress:

S.A.W. welding for weld joint number 006 on SP3055-001. Welder is identified as 053748. ZPMC QC is identified as Zhong Dian Xing. The welding variables recorded by QC appeared to comply with the applicable WPS.

F.C.A.W. welding of weld joint number 102 located on SP3002-001. Welder is identified as 054459. ZPMC QC is identified as Shen Jian Guo. The welding variables recorded by QC appeared to comply with the Applicable WPS.

F.C.A.W. welding of weld joint number 110 located on SP3002-001. Welder is identified as 051246. ZPMC QC is identified as Shen Jian Guo. The welding variables recorded by QC appeared to comply with the Applicable WPS.

BAY#8

This QA Inspector observed the following work in progress:

S.A.W. welding for weld joint number 001 on CB201F-012. Welder is identified as 207463. ZPMC QC is identified as Guo Yan Fei. The welding variables recorded by QC appeared to comply with the applicable WPS.

F.C.A.W. welding of weld joint number 043 located on FB204-033. Welder is identified as 066687. ZPMC QC is identified as Guo Yan Fei. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

No relevant conversations.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Whitehead,Lonnie	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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